

AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows:

1-9 (Canceled).

10. (Currently Amended) A method of arranging frequency converters in a cabinet comprising:

placing the frequency converters one above the other in a first section of the cabinet;

passing a ~~cooled~~ cooling medium from a second section to a third section of the cabinet such that the ~~cooled~~ cooling medium flows substantially across parts included in the respective frequency converters, said second and third sections being on adjacent sides of the first section; and

arranging supply voltage and load cabling connected to the frequency converters in at least one of the second or third sections of the cabinet,

wherein the parts of the frequency converters include power units powering the frequency converters,

wherein passing the cooling medium passes the cooling medium across the power units,
and

wherein placing the frequency converters comprises:

placing the power units of the frequency converters at a back of the cabinet;

placing control units of the frequency converters at a front of the cabinet; and

separating the front and back of the cabinet with a wall.

11-12. (Canceled)

13. (Currently Amended) The method of claim ~~12~~ 10, wherein the ~~cooled~~ cooling medium is pumped through a portion of the back of the cabinet to directly cool the power units of the frequency converters.

14. (Currently Amended) The method of claim 10, wherein passing the ~~cooled~~ cooling medium comprises:

placing individual fans near each side surface of the respective frequency converters so the ~~cooled~~ cooling medium is forced to flow substantially horizontally through the frequency converters.

15. (Currently Amended) The method of claim 10, wherein forcing the ~~cooled~~ cooling medium comprises:

placing a common fan in the second or third sections so the ~~cooled~~ cooling medium pumped is forced to flow substantially horizontally through the frequency converters.

16-18. (Canceled).

19. (Previously Presented) The method of claim 10, wherein arranging the supply voltage and load cabling comprises:

arranging outgoing cabling attached to an output of the frequency converters in the second section such that the outgoing cables exit the cabinet at a lower portion of the second section; and

arranging incoming cabling attached to an input of the frequency converters in the third section such that the incoming cables come into the cabinet at an upper portion of the third section.

20. (Previously Presented) The method of claim 10, wherein arranging the supply voltage and load cabling comprises:

arranging outgoing cabling attached to an output of the frequency converters and incoming cables attached to an input of the frequency converters together in the second or third sections.

21. (Currently Amended) The method of claim 10, wherein passing the ~~cooled~~ cooling medium comprises:

pumping the ~~cooled~~ cooling medium into a lower portion of the second section of the cabinet;

forcing the ~~cooled~~ cooling medium pumped into the lower portion through sides of the frequency converters such that the ~~cooled~~ cooling medium flows substantially horizontally across the parts included in the respective frequency converters; and

allowing the ~~cooled~~ cooling medium to escape the cabinet via an opening in an upper portion of the third space of the cabinet.

22. (Currently Amended) A frequency converter cabinet comprising:

frequency converters stacked one above the other in a first section of the cabinet;

a forcing unit configured to pass a ~~cooled~~ cooling medium from a second section to a third section of the cabinet such that the ~~cooled~~ cooling medium flows substantially across parts included in the respective frequency converters, said second and third sections being on adjacent sides of the first section,

wherein the second and third section of the cabinet are configured to be arranged with supply voltage and load cabling connected to the frequency converters,

wherein the parts of the frequency converters include power units powering the frequency converters,

wherein the forcing unit passes the cooling medium across the power units, and

wherein the power units of the frequency converters are disposed at a back of the cabinet, control units of the frequency converters are disposed at a front of the cabinet, and a wall separates the front and back of the cabinet.

23-24 (Canceled).

25. (Currently Amended) The cabinet of claim 24 22, wherein the ~~cooled~~ cooling medium is pumped through a portion of the back of the cabinet to directly cool the power units of the frequency converters.

26. (Currently Amended) The cabinet of claim 22, wherein the forcing unit comprises:

individual fans disposed near each side surface of the respective frequency converters so the ~~cooled~~ cooling medium pumped is forced to flow substantially horizontally through the frequency converters.

27. (Currently Amended) The cabinet of claim 22, wherein the forcing unit comprises:

a common fan disposed in the first side space so the ~~cooled~~ cooling medium pumped is forced to flow substantially horizontally through the frequency converters.

28-30. (Canceled).

31. (Previously Presented) The cabinet of claim 22, wherein the second section of the cabinet is configured to receive outgoing cabling attached to an output of the frequency converters such that the outgoing cables exit the cabinet at a lower portion of the second section, and

wherein the third section of the cabinet is configured to receive incoming cabling attached to an input of the frequency converters such that the incoming cables come into the cabinet at an upper portion of the third section.

32. (Previously Presented) The cabinet of claim 22, wherein the second or third section is configured to receive both outgoing cabling attached to an output of the frequency converters and incoming cables to an input of the frequency converters.

33. (Currently Amended) The cabinet of claim 22, wherein the forcing unit forces the ~~cooled~~ cooling medium pumped into a lower portion of the second section such that the ~~cooled~~ cooling medium flows substantially horizontally across the parts included in the respective frequency converters, and wherein the cabinet further includes an opening in an upper portion of the third ~~section~~ section to allow air forced across the parts of the frequency converters to escape.